

AMENDMENTS TO THE CLAIMS

Please **ADD** new claims 17-19 as shown below.

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Previously presented) A plasma display panel, comprising:

a first substrate and a second substrate that are substantially parallel and have a predetermined gap therebetween;

a plurality of address electrodes formed on a surface of the first substrate opposing the second substrate, the address electrodes being provided in a line pattern and being substantially parallel with each other;

a dielectric layer formed over a surface of the first substrate covering the address electrodes;

barrier ribs formed on the dielectric layer in a lattice pattern, the barrier ribs defining discharge cells;

a plurality of discharge sustain electrodes formed on a surface of the second substrate which opposes the first substrate, the discharge sustain electrodes being formed in a line pattern in a direction substantially perpendicular to the address electrodes; and

a transparent dielectric layer and a protection layer formed over the surface of the second substrate covering the discharge sustain electrodes,

wherein the barrier ribs include first barrier rib members formed along a same direction as the address electrodes, and second barrier rib members formed along a same direction as the discharge sustain electrodes, and wherein at least one of the first barrier rib members and the second barrier rib members are entirely light-absorbing.

2. (Previously presented) The plasma display panel of claim 1, wherein the at least one of the first barrier rib members and the second barrier rib members comprise a black pigment selected from the group consisting of chrome oxide, copper oxide, PbO, and Al₂O₃.

3. (Original) The plasma display panel of claim 1, wherein the first barrier rib members and the second barrier rib members have different heights.

4. (Original) The plasma display panel of claim 3, wherein a height of the first barrier rib members is greater than a height of the second barrier rib members, such that at least adjacent discharge cells may communicate via a space at an end of the second barrier rib members.

5. (Original) The plasma display panel of claim 3, wherein a height of the first barrier rib members is less than a height of the second barrier rib members, such that at least adjacent discharge cells may communicate via a space at an end of the first barrier rib members.

6. (Original) The plasma display panel of claim 3, wherein the first barrier rib members are arranged substantially in parallel with and at locations between the address electrodes, and the second barrier rib members are arranged substantially in parallel with and at locations between the discharge sustain electrodes.

7. (Previously presented) The plasma display panel of claim 1, wherein both of the first barrier rib members and the second barrier rib members are entirely light-absorbing.

8. (Previously presented) A plasma display panel, comprising:

a first substrate and a second substrate that are substantially parallel and have a predetermined gap therebetween;

a plurality of address electrodes formed on a surface of the first substrate opposing the second substrate, the address electrodes being provided in a line pattern and substantially in parallel with each other;

a dielectric layer formed over a surface of the first substrate covering the address electrodes;

barrier ribs formed on the dielectric layer in a lattice pattern, the barrier ribs defining discharge cells;

a plurality of discharge sustain electrodes formed on a surface of the second substrate which opposes the first substrate, the discharge sustain electrodes being formed in a line pattern in a direction substantially perpendicular to the address electrodes; and

a transparent dielectric layer and a protection layer formed over the surface of the second substrate covering the discharge sustain electrodes,

wherein the barrier ribs include a plurality of first barrier rib members formed in a stripe pattern perpendicular to a direction of the address electrodes, and a plurality of second barrier rib members formed within a space between two neighboring first barrier rib members, the barrier rib members defining the discharge cells to be arranged in a zigzag manner along a same direction as the address electrodes, and

wherein at least one of the first barrier rib members and the second barrier rib members are entirely light-absorbing.

9. (Previously presented) The plasma display panel of claim 8, wherein to establish the zigzag arrangement of the discharge cells, the discharge cells are arranged in the zigzag

manner by arranging the second barrier rib members defining the discharge cells in a first space defined by a first pair of neighboring first rib members such that they are not aligned with the second barrier rib members defining the discharge cells located in a second space defined by a second pair of neighboring first rib members, wherein one rib member of the first pair of neighboring first rib members is also one of the first rib members in the second pair of neighboring first rib members.

10. (Previously presented) The plasma display panel of claim 8, wherein to establish the zigzag arrangement of the discharge cells, a first set of the barrier rib members is formed on a first set of the address electrodes and a second set of the barrier rib members is formed on a second set of the address electrodes, wherein the second set of address electrodes includes at least one of the address electrodes which is not part of the first set of address electrodes.

11. (Previously presented) The plasma display panel of claim 8, wherein both of the first barrier rib members and the second barrier rib members are entirely light-absorbing.

12. (Previously presented) The plasma display panel of claim 8, wherein a height of the first barrier rib members is greater than a height of the second barrier rib members, such that at least adjacent discharge cells may communicate via a space at an end of the second barrier rib members.

13. (Previously presented) The plasma display panel of claim 8, wherein a height of the first barrier rib members is less than a height of the second barrier rib members, such that at least adjacent discharge cells may communicate via a space at an end of the first barrier rib members.

14-16. (Canceled)

17. (New) A plasma display panel, comprising:

a first substrate and a second substrate arranged substantially parallel with each other;
a plurality of address electrodes arranged on a surface of the first substrate opposing the second substrate, the address electrodes being provided in a line pattern and being substantially parallel with each other;

a dielectric layer covering the address electrodes;

barrier ribs arranged on the dielectric layer, the barrier ribs defining discharge cells; and

a plurality of discharge sustain electrodes arranged on a surface of the second substrate opposing the first substrate, the discharge sustain electrodes being provided in a line pattern in a direction substantially perpendicular to the address electrodes,

wherein the barrier ribs comprise first barrier rib members arranged along the same direction as the address electrodes, and second barrier rib members arranged along the same direction as the discharge sustain electrodes, and

wherein the first barrier rib members and the second barrier rib members have different heights from each other, and the higher barrier rib members of the first barrier rib members and the second barrier rib members comprise a layered structure comprising a white colored layer and an opaque colored layer, and the lower barrier rib members of the first barrier rib members and the second barrier rib members comprise the same colored layer as a layer of the higher barrier rib members that is closer to the first substrate.

18. (New) The plasma display panel of claim 17, wherein the opaque colored layer comprises a black pigment selected from the group consisting of chrome oxide, copper oxide, PbO, and Al₂O₃.

19. (New) A plasma display panel, comprising:

- a first substrate and a second substrate arranged substantially parallel with each other;
- a plurality of address electrodes arranged on a surface of the first substrate opposing the second substrate, the address electrodes being provided in a line pattern and being substantially parallel with each other;
- a dielectric layer covering the address electrodes;
- barrier ribs arranged on the dielectric layer, the barrier ribs defining discharge cells; and
- a plurality of discharge sustain electrodes arranged on a surface of the second substrate opposing the first substrate, the discharge sustain electrodes being provided in a line pattern in a direction substantially perpendicular to the address electrodes,

wherein the barrier ribs comprise first barrier rib members arranged in a stripe pattern substantially perpendicular to a direction of the address electrodes, and second barrier rib members arranged within a space between two neighboring first barrier rib members, the barrier ribs defining the discharge cells to be arranged in a zigzag manner along the same direction as the address electrodes, and

wherein the first barrier rib members and the second barrier rib members have different heights from each other, and the higher barrier rib members of the first barrier rib members and the second barrier rib members comprise a layered structure comprising a white colored layer and an opaque colored layer, and the lower barrier rib members of the first barrier rib members and the second barrier rib members comprise the same colored layer as a layer of the higher barrier rib members that is closer to the first substrate.